

07-23-04

2177/41



PATENT

ATTORNEY DOCKET NUMBER: 01239

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Ramesh Bhashyam**Serial No.: **10/038,783**Filed: **December 31, 2001**Title: **"Optimizing an Exclusion Join  
Operation Using a Bitmap Index  
Structure"**§  
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Group Art Unit: 2177

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Technology Center 2100

Examiner: **Greta Lee Robinson**Attorney Docket No: **10239**

Mail Stop Amendment  
Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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37 C.F.R. §1.10

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**TRANSMITTAL LETTER**

Sir:

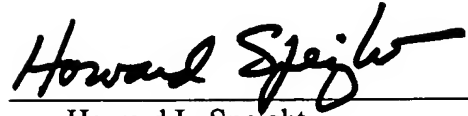
Applicant hereby submits the following document to be filed with the United States Patent and Trademark Office:

1. Response to Non-Final Office Action Mailed April 21, 2004; and
2. Postcard.

Please date stamp and return the enclosed postcard evidencing receipt of these materials.

The Commissioner is authorized to debit Deposit Account No. 50-1673 for any underpayment of fees which may be due in association with this filing under 37 C.F.R. §§ 1.16-1.18.

Respectfully submitted,

A handwritten signature in black ink, reading "Howard Speight", with a horizontal line underneath.

Howard L. Speight

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ATTORNEY FOR APPLICANT

Date: July 21, 2004



As the three-month shortened statutory period for reply is July 21, 2004, this Response is considered timely filed.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims**, if any, are reflected in the "Listing of the Claims" which begins on page 7 of this Response.

**Remarks** begin on page 16 of this Response.

**Amendments to the Drawings** begin on page 19 of this paper.

An **Appendix** including a replacement Abstract begins on page 20 of this Response.